2003 FORAGE GUIDE TO VARIETY SELECTION

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Prince Edward Island CANADA

FORAGE LEGUMES

ALFALFA	Reaction to Verticillium Wilt[1]	Yield (% of AC Caribou)	3 yr. MAY[2]	Winter Hardiness	Seed Distributor
AC Brador	HR	100	-1.6	Very Good	4
AC Caribou	R	100	6.4	Very Good	4
AC Viva	HR	96	-2.8	Good	4
Abby	R	96	-3.8	Very Good	5, 11
Algonquin	S	100	-	Very Good	Public
Apica	S	103	-2.2	Very Good	4
Arrow	R	98	0	Good	12
Centurion	R	97	-5.4	Good	4
OAC Minto	S	100	-0.5	Good	1, 2
Oneida VR	HR	97	2.2	Good	14
Surpass	R	99	0	Good	10
Ultra	R	98	-7.9	Good	4,7
5312	HR	97	-6.6	Good	13
53Q60	R	100	8.5	Good	13

Yield of AC Caribou in Atlantic trials was 8.22 t/ha

[1]HR = Highly Resistant (more than 50% resistant plants), R = Resistant (31-50% resistant plants) S = Susceptible (less than 15% of plants resistant)

[2]MAY = Mean Annual Yield (Growers establishing a long-term alfalfa stand crop should consider the 3 yr. MAY, the better the number, the better the performance of the variety in producing harvestable yield into the third year of production)

RED CLOVER	Approximate flowering date	Yield (% of Marino)		Winter Hardiness	Seed Distributor
		1st Year	2nd Year		
AC Christie	June 16	103	92	Very Good	1, 4
AC Endure	June 20	104	100	Very Good	4
Dclina	June 23	113	96	Very Good	16
Kvarta	June 23	99	109	Very Good	10
Marino	June 23	100	100	Good	Public
Tempus	June 23	112	116	Very Good	12
AC Charlie	June 25	103	97	Very Good	1

Yield of Marino1st year after seeding was 8.7 t/ha, 2nd year after seeding was 7.0 t/ha

BIRDSFOOT TREFOIL	Approximate flowering date	Yield (% of Leo)	Winter Hardiness	Seed Distributor
AC Langille	June 25	109	Very Good	4
Upstart	June 25	104	Good	10
Bull	June 25	103	Very Good	12
Leo	June 25	100	Good	Public
Empire	July 2	98	Good	Public

Yield of Leo in Atlantic trials was 6.45 t/ha

WHITE CLOVER	Approximate flowering date	Regrowth	Winter Hardiness	Seed Distributor
Milkanova	June 26	Excellent	Very Good	4, 10
Sacramento (Ladino)	June 26	Good	Good	Public
Sonja	June 26	Excellent	Very Good	1, 4, 6, 10,

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FORAGE BRASSICAS

KALE	Height (cm)	Yield (% of Gruner Angeliter)	Frost Hardiness	Seed Distributor
Gruner Angeliter	120	100	Good	4, 6,10, 12, 19
FORAGE RAPE				
Barcoli	70	64	Fair	4, 6, 10, 12
Yield of Gruner Angeliter in Atlantic Trials was 10.6 t/ha				

FORAGE GRASSES

TIMOTHY	Approximate Heading date	Yield (% of Champ)		Seed Distributor
		1st Cut	2nd Cut	
Richmond	June 25	105	100	10, 12
Champ	June 27	100	100	Public
AC Alliance	June 28	104	94	10
Colt	June 30	106	96	18
Apex	July 1	108	82	1
Climax	July 1	107	78	Public
Itasca	July 4	109	105	4
Drummond	July 8	110	67	4, 10
Farol	July 10	103	67	1, 4, 6, 10
Yield of Champ was 6.45 t/ha 1st cut and was 2.63 t/ha, 2nd cut, average of 4 Maritime sites				

GRAZING TIMOTHY	Approximate Heading date	Yield (% of Farol)		Seed Distributor
		1st Cut	2nd Cut	
Comtal	July 10	101	96	12
Yield of Farol was 6.64 t/ha 1st cut and was 1.76 t/ha, 2nd cut, average of 4 Maritime sites				

BROMEGRASS Smooth	Approximate Maturity Rating	Tolerance to Variable Drainage	Regrowth Vigor*	Yield % of Radisson	Seed Distributor
Bravo	Early	Good	1.7	105	10, 12
Radisson	Early	Good	2.0	100	4
Rebound	Early-Medium	Good	2.0	100	20
BROMEGRASS Meadow					
Paddock	Very Early	Moderate	4.3	104	4, 12
Yield of Radisson was 7.5 t/ha					

Kentucky Bluegrass	Approximate Maturity Rating	Tolerance to Variable Drainage	Yield under grazing	Seed Distributor
Lato	Very Early	Moderate	7.2 t/ha	12

ORCHARDGRASS	Approximate Maturity Rating	Tolerance to Variable Drainage	Yield % of Kay	Seed Distributor
AC Nordic	Medium	Fair	98	1, 2, 4, 16
Arctic	Medium	Fair	99	4, 5, 6, 14
Dactus	Early	Fair	101	3
Kay	Early	Fair	100	4, 6, 10, 14
Yield of Kay was 8.4 t/ha				

MEADOW FESCUE	Approximate Maturity Rating	Tolerance to Variable Drainage	Yield % of Mimer	Seed Distributor
Bartura	Early	Good	101	1
Epic	Early-Medium	Good	102	1, 2, 4, 17
Mimer	Early-Medium	Good	100	4, 6, 10,14
Sigmund	Early-Medium	Good	103	15
Yield of Mimer was 8.5 t/ha				

REED CANARYGRASS	Approximate Maturity Rating	Tolerance to Variable Drainage	Yield % of Palaton	Seed Distributor
Palaton	Very Early	Excellent	100	4, 6, 15
Venture	Very Early	Excellent	101	1, 4, 14, 15, 17
Yield of Palaton was 9.4 t/ha				

PERENNIAL RYEGRASS	Approximate Maturity Rating	Tolerance to Variable Drainage	Yield	Seed Distributor
Bastion	Medium Late	Fair	7.5 t/ha	1, 4, 6, 10

TALL FESCUE	Approximate Maturity Rating	Tolerance to Variable Drainage	Tillering Index*	Yield % of Johnstone	Seed Distributor
Courtenay	Medium	Good	2.5	110	4, 5, 6, 14
Festorina	Medium	Good	4.5	102	3, 4, 6, 10
Johnstone	Early-Medium	Good	3.8	100	1, 3, 14, 17

Yield of Johnstone was 8.7 t/ha

*Tillering Index: Amount of tillering potential or leafiness. 1 = least; 5 = most

ANNUAL RYEGRASS	Type	Yield % of Lemtal	Use	Seed Distributor
Ajax	Tetraploid Italian	108	Pasture-Plowdown*	10, 12
Aubade	Tetraploid Westerwolds	114	Hay-Silage-Pasture	1, 4, 8, 15, 17
Barextra	Tetraploid Italian	104	Pasture-Plowdown*	1
Barmultra	Tetraploid Italian	102	Pasture-Plowdown*	1, 20
Barspectra	Tetraploid Westerwolds	104	Silage-Pasture	1, 20
Bartolini	Diploid Italian	99	Pasture-Plowdown*	1
Fabio	Diploid Italian	114	Pasture-Plowdown*	4, 11
Lemtal	Diploid Italian	100	Pasture-Plowdown*	1, 4, 6, 17
Maris Ledger	Tetraploid Italian	104	Pasture-Plowdown*	4, 6, 10
Marshall	Diploid Westerwolds	108	Hay-Silage-Pasture	10
Max	Tetraploid Italian	110	Silage-Pasture	12
Sabroso	Tetraploid Westerwolds	115	Hay-Silage-Pasture	1
SW Botrus	Tetraploid Westerwolds	110	Hay-Silage-Pasture	9

Yield of Lemtal was 6.75 t/ha

*Plowdown varieties have shown greater root mass yields, more leafiness and lower seed production

SEED DISTRIBUTORS*

Listing #	Company	Contact	Telephone #	Facsimile #
1	Bishop Seeds	Matt Taylor	1-800-411-2062	613-968-861
2	Brett-Young	Wayne Unger	204-261-7932	204-275-7333
3	Canco Enterprises	Alfred Batke	604-556-7292	604-556-7292
4	Co-op Atlantic	Rafael Gonzalez	506-858-6356	506-858-6470
5	Dawson Seed	Gordon Dawson	604-576-8633	607-576-8634
6	Halifax Seed Co.	Tim Tregunno	902-455-4364	902-455-5271
7	Hyland Seeds	Ivan Warriner	519-676-8146	519-676-5674
8	Labon Inc.	Sebastien Labonte	450-641-1050	450-641-4979
9	McCardle Bros.	Leonard McCardle	902-887-2338	902-887-3132
10	Mapleseed	David Keays	1-800-461-7645	705-324-6273
11	Parsons Seeds td.	Robert Thom	905-729-2202	905-729-2623
12	Pickseed Canada Inc.	Paul Wight	1-800-661-4769	705-878-9249
13	Pioneer Hi-bred Ltd.	Jim Lamb	902-538-3623	902-538-8284
14	Quality Seeds Ltd.	Ari Ekstein	1-877-856-7333	905-856-7509
15	Seed Link	Peter Bonis	705-324-0544	705-324-2550
16	Semican	Jacques Beauchesne	819-362-8823	819-362-3385
17	Speare Seeds	Bob Dippel	519-338-3840	519-338-2510
18	Syngenta Seeds Can. Ltd.	Adrian de Dreu	1-800-756-7333	1-888-717-7122
19	Vesey's Seeds Ltd.	B. E. Simpson	902-368-7333	902-566-1620
20	Westend Seeds Ltd.	Max vanCingel	506-455-9000	506-455-9000

*There are numerous seed dealers in the region that represent the distributors listed above.

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